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6-12-70



COMPTROLLER GENERAL OF THE UNITED STATES  
WASHINGTON, D C 20548

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RELEASED

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HEW

JUN 12 1970

Dear Mr. Chairman:

In response to a request by Mr Richard Royce, Staff Director of the Senate Committee on Public Works, in a meeting with representatives of the General Accounting Office on April 9, 1970, we have obtained for your Subcommittee on Air and Water Pollution certain information on air pollution control grants awarded to local agencies within four air quality control regions by the National Air Pollution Control Administration, Environmental Health Service, Department of Health, Education, and Welfare (HEW).

In our meeting with Mr Royce and other members of the Committee staff, we discussed our past review of HEW's policies and practices of awarding grants to air pollution control agencies for promoting regional control programs for which the Clean Air Act (42 U.S.C. 1857) provided special incentives in the form of higher Federal cost-sharing rates than were applicable to other than regional control programs. In that review we had observed that such incentives might not have been as effective as intended by the act and that legislative action might be desirable to give the regional approach greater impetus.

The Clean Air Act encourages the development, establishment, or maintenance of regional air pollution control agencies by authorizing a higher rate of Federal grant support to regional agencies than to a single State or municipality. Regional agencies are defined in the law as those established by two or more States and having substantial powers or duties pertaining to the prevention and control of air pollution or as agencies of two or more municipalities located in the same State or in different States and having substantial powers or duties pertaining to the prevention and control of air pollution. The act authorizes the Secretary to participate in the cost of air pollution control programs up to the following rates:

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089862

B- 164031(2)

	Single State or municipal <u>agency</u>	<u>Regional agency</u>
Grants for establishment, development, or improvement projects	2/3	3/4
Maintenance grants	1/2	3/5

The incentive provisions to promote regional air pollution control programs were originally contained in the Clean Air Act of 1963, with some modifications having been made through 1966 by amendments. The incentive provisions were incorporated, without significant change, into section 105(a)(1) of the Air Quality Act of 1967 (Public Law 90-148) which further amended the Clean Air Act.

It should be noted, however, that the definition of a regional control program, as set forth in section 105(a)(1) of the amended Clean Air Act, represents a different concept than that contained in section 107(a)(2) of the act which directs the Secretary of HEW to designate air quality control regions on the basis of jurisdictional boundaries, urban-industrial concentrations, and other factors including atmospheric areas necessary to provide adequate implementation of air quality standards.

Regional control programs under section 105(a)(1) generally cover a much smaller area than the regions being designated under section 107(a)(2). As a result, regional grants can be awarded to agencies representing two or more municipalities regardless of their size and importance within a larger area designated by the Secretary for air pollution control on a regional basis.

HEW has announced plans to designate air quality control regions for 91 major urban areas of the Nation, which will encompass about 59 percent of the U.S. population. As of May 1, 1970, 34 such regions had been designated. To implement effective control programs in these designated regions, the coordinated efforts of numerous local governments,

B- 164031(2)

and in many cases of two or more States, are required. An incentive grant program encouraging the establishment of control agencies which can exercise effective control over an entire air quality control region, or a major part of it, could be a significant factor in bringing about the implementation of truly regional air pollution control programs.

In the four air quality control regions we selected in order to obtain the information requested, no agency has been established for the purpose of administering an air pollution control program for the entire region. Rather, in each region a number of State and local air pollution control agencies were receiving Federal grants.

The continuing operation of numerous independent federally supported control agencies, both large and small, within a designated air quality control region tends to dilute the effectiveness of Federal grant support and may add to the financial burden - Federal, State, and local - because of duplicative supporting personnel, equipment, and necessary services within the region.

The Committee staff expressed interest in our observations and requested that we furnish additional information regarding Federal grants to both municipal and regional air pollution control agencies.

Accordingly, we obtained information for local agencies in the four air quality control regions that include the metropolitan areas of New York, Los Angeles, Chicago, and Philadelphia. As agreed between the Committee staff and our representatives, this information was primarily to concern the amount and type of air pollution control grants received by the agencies, the amount of non-Federal funding provided for air pollution control, the expenditures for personnel and equipment, and the staffing of the agencies.

We reviewed pertinent records maintained at HEW regional offices and local control agencies and obtained data from officials of these agencies. We did not verify the accuracy of this information and did not

B-164031(2)

evaluate the administration of the air pollution control grant programs of the selected agencies.

The information we obtained is presented in the enclosure to this letter and has been discussed with officials of the National Air Pollution Control Administration but written comments have not been obtained. We plan to make no further distribution of this report unless copies are specifically requested and then we shall make distribution only after your agreement has been obtained.

Sincerely yours,

A handwritten signature in black ink, appearing to read "James B. Axtell". The signature is written in a cursive style with a large initial "J".

Comptroller General  
of the United States

The Honorable Edmund S. Muskie  
Chairman, Subcommittee on Air  
and Water Pollution  
Committee on Public Works  
United States Senate

INFORMATION OBTAINED  
BY THE GENERAL ACCOUNTING OFFICE  
ON GRANTS AWARDED TO  
SELECTED LOCAL AIR POLLUTION CONTROL AGENCIES  
BY THE NATIONAL AIR POLLUTION CONTROL ADMINISTRATION  
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

GENERAL INFORMATION

The Clean Air Act (42 U.S.C. 1857c) authorizes the Secretary of HEW to award grants to State and local air pollution control agencies for part of the cost of planning, developing, establishing, improving, or maintaining programs for the prevention and control of air pollution. These grants are categorized by the National Air Pollution Control Administration (NAPCA) as project or maintenance grants according to the purpose they are intended to serve.

Project grants

NAPCA guidelines to applicants state that, to be eligible for project grants, an air pollution control agency must plan, develop, or have an acceptable "workable program." The workable program shall include information on the need for an air pollution control program, its objectives and goals, its legal authority, and information on what has been and is proposed to be done to accomplish program objectives and goals.

The guidelines provide for project grants in three stages. Initial projects for the purpose of planning or developing a workable program are generally expected to be completed in 2 years or less and must be designed to lead to the establishment of an air pollution control program. In the second stage, NAPCA awards grants for "establishment" projects for activation of an air pollution control program for up to 3 years after a workable program has been adopted and the legal authority to implement the program has been obtained. In the third stage, grant support of "improvement" projects may be provided up to 3 years for the purpose of bettering a

program, when a workable program is in operation. Grants may be awarded to applicants for any or all stages.

### Maintenance grants

The guidelines state that maintenance grants are intended to provide air pollution control agencies with continuing Federal financial assistance for the maintenance of effective workable programs which are capable of accomplishing appropriate air quality objectives within appropriate time schedules. Maintenance grants are awarded for a maximum of 1 year at a time; however, once support has begun, the grantee agency can plan on continuing support by NAPCA as long as satisfactory progress is made in the execution of the program for which the support has been approved, subject to the availability of funds.

### Funding

The Clean Air Act authorizes grants to regional control agencies at higher Federal cost-sharing rates than are applicable to control programs carried out by a single State or municipality. The law specifies the rates to which the Secretary of HEW can participate in the costs of an air pollution control program, as follows:

	Single State or municipal <u>agency</u>	Regional <u>agency</u>
Project grants	2/3	3/4
Maintenance grants	1/2	3/5

Control program costs not borne by the Federal Government are shared by the States and the local governments.

A distinction is made by NAPCA between those non-Federal funds required to match the Federal grant funds at specified rates and additional non-Federal funds to meet the maintenance-of-effort requirement. The law specifies that no agency shall receive any project grant during any year when its expenditures for other than nonrecurrent expenditures will be less than its expenditures were for such programs during the preceding year. No agency shall receive a maintenance grant

unless the Secretary of HEW is satisfied that such grant will be used to supplement and, to the extent practicable, increase the level of State, local, or other non-Federal funds.

Total grants awarded

NAPCA classifies the recipients of control grants into municipal, regional and State agencies. During fiscal years 1965 through 1969, NAPCA awarded project grants totaling about \$49.2 million as follows:

	<u>Number of agencies</u>	<u>Amount</u>
Municipal agencies	64	\$11,774,453
Regional agencies	117	19,868,920
State agencies (note a)	<u>49</u>	<u>17,595,545</u>
Total	<u>230</u>	<u>\$49,238,918</u>

<sup>a</sup>As of June 30, 1969, State agencies in Alaska, Iowa, Nebraska, and South Dakota had not received grant awards, whereas agencies of the District of Columbia, Puerto Rico, and the Virgin Islands had been awarded grants.

Of these 230 agencies, 52 were awarded project grants in each of the 5 fiscal years.

During fiscal years 1968 and 1969, NAPCA awarded 18 maintenance grants totaling about \$9.2 million; eight of the 10 recipient agencies were awarded grants in each of the 2 years:

	<u>Number of agencies</u>	<u>Amount</u>
Municipal agencies	3	\$3,342,513
Regional agencies	4	2,150,476
State agencies	<u>3</u>	<u>3,657,461</u>
Total	<u>10</u>	<u>\$9,150,450</u>

Appendixes I and II present a listing of all project and maintenance grants, respectively, which were awarded to municipal, regional, and State air pollution control agencies

during fiscal years 1965 through 1969 as shown in NAPCA statistical records. The information we obtained for the local air pollution control agencies in the four metropolitan areas is presented in the following sections.

METROPOLITAN NEW YORK AREA

The New Jersey-New York-Connecticut Interstate Air Quality Control Region was established by the Secretary of HEW in November 1968 and included nine counties in New Jersey, eight counties in New York, and most of Fairfield County in Connecticut. The region covers about 4,100 square miles and has a population of about 16 million.

During fiscal years 1965-69, 16 agencies within the region were awarded air pollution control grants totaling about \$3.6 million, as shown below:

	<u>Incorporated communities</u>	<u>Population served</u>	<u>Fiscal years grants awarded</u>	<u>Total grants</u>
<b>New York:</b>				
New York City (5 counties)	1	8,020,000	1965-69	\$2,274,173
Nassau County	75	1,450,000	1965-67, 1969	432,850
Westchester County	70	873,000	1966-69	56,280
Rockland County	36	208,000	1969	20,000
New Rochelle	1	75,000	1965-67	23,090
Mount Vernon	1	72,000	1965-67	16,508
Yonkers	1	205,000	1965-68	34,312
<b>New Jersey:</b>				
Suburban Air Pollution Commission (Essex County)	11	412,000	1968-69	149,679
East Orange	1	76,000	1965, 1967	18,960
Elizabeth	1	117,000	1968-69	60,580
<b>Connecticut:</b>				
Bridgeport	1	152,000	1965-67	66,626
Stratford	1	45,000	1965-69	68,000
Fairfield	1	55,000	1965-69	68,640
Stamford	1	110,000	1967-69	117,813
Greenwich	1	66,000	1967-69	52,812
Norwalk	<u>1</u>	<u>76,000</u>	1967-69	<u>100,925</u>
<b>Total</b>	<u>204</u>	<u>12,012,000</u>		<u>\$3,561,248</u>

New York City was awarded project grants totaling \$646,173 during fiscal years 1965-67 and maintenance grants totaling \$1,628,000 during fiscal years 1968 and 1969. All other agencies were awarded project grants. The four agencies that included more than one incorporated community were regional agencies entitled to the higher Federal cost-sharing rates.

Expenditures

We examined into the expenditures of New York City and five other agencies which, as shown by their expenditure reports filed with NAPCA, expended a total of about \$10.9 million for air pollution control during fiscal years 1965-69. These expenses were financed with Federal grant funds of \$2 million--\$1.6 million of grant funds was unexpended at June 30, 1969--and non-Federal funds of \$8.9 million. The expenditures included \$7.9 million for personnel, \$1 million for equipment, and \$1.9 million for other necessities such as travel, supplies, and contract services. The following schedule summarizes the expenditures reported by each of the six agencies.

	Federal grant funds	Non-Federal funds		Total
		Matching	Other	
New York City				
Project grants				
Personnel	\$ 190,594	\$ 95,297	\$3,811,996	\$ 4,097,887
Equipment	318,605	159,303	307,442	785,350
Other	<u>86,830</u>	<u>43,415</u>	<u>664,968</u>	<u>795,213</u>
	<u>596,029</u>	<u>298,015</u>	<u>4,784,406</u>	<u>5,678,450</u>
Maintenance grants				
Personnel	474,200	2,197,298	-	2,671,498
Equipment	23,000	104,642	-	127,642
Other	<u>313,001</u>	<u>714,959</u>	<u>-</u>	<u>1,027,960</u>
	<u>810,201</u>	<u>3,016,899</u>	<u>-</u>	<u>3,827,100</u>
Nassau County, N.Y.				
Project grants				
Personnel	375,393	207,290	345,829	928,512
Equipment	10,579	17,345	6,795	34,719
Other	<u>17,877</u>	<u>62,761</u>	<u>9,837</u>	<u>90,475</u>
	<u>403,849</u>	<u>287,396</u>	<u>362,461</u>	<u>1,053,706</u>
Westchester County, N Y				
Project grants				
Personnel	23,846	29,304	18,088	71,238
Equipment	13,901	3,729	72	17,702
Other	<u>2,108</u>	<u>486</u>	<u>32</u>	<u>2,626</u>
	<u>39,855</u>	<u>33,519</u>	<u>18,192</u>	<u>91,566</u>
Suburban Air Pollution Commis- sion, N J				
Project grants				
Personnel	59,255	19,752	-	79,007
Equipment	16,532	5,510	-	22,042
Other	<u>14,700</u>	<u>4,900</u>	<u>-</u>	<u>19,600</u>
	<u>90,487</u>	<u>30,162</u>	<u>-</u>	<u>120,649</u>
East Orange, N J				
Project grants				
Personnel	11,349	6,583	4,200	22,132
Equipment	1,060	100	-	1,160
Other	<u>2,356</u>	<u>700</u>	<u>800</u>	<u>3,856</u>
	<u>14,765</u>	<u>7,383</u>	<u>5,000</u>	<u>27,148</u>
Elizabeth, N J				
Project grants				
Personnel	19,366	30,837	5,300	55,503
Equipment	21,209	2,482	-	23,691
Other	<u>18,354</u>	<u>-</u>	<u>-</u>	<u>18,354</u>
	<u>58,929</u>	<u>33,319</u>	<u>5,300</u>	<u>97,548</u>
Total	<u>\$2,014,115</u>	<u>\$3,706,693</u>	<u>\$5,175,359</u>	<u>\$10,896,167</u>

Equipment

Following is a breakdown of the expenditures for the purchase of equipment by major categories as reported by the six agencies for the 1965-69 period, except that, for New York City, it was not practicable to obtain necessary detail for an adjustment of \$147,640 to eliminate a duplication in reported expenditures.

	<u>Air monitoring</u>	<u>Laboratory</u>	<u>Enforcement</u>	<u>Vehicles</u>	<u>Other</u>	<u>Total</u>
New York City	\$404,510	\$199,312	\$ 5,116	\$42,663	\$409,030	\$1,060,631
Nassau County, N.Y	3,366	17,958	368	2,690	10,337	34,719
Westchester County, N Y	14,485	1,330	1,737	-	150	17,702
Suburban Air Pollution Commission, N.J.	4,314	-	4,481	8,003	5,244	22,042
East Orange, N J.	558	-	322	-	280	1,160
Elizabeth, N J	<u>4,554</u>	<u>-</u>	<u>5,015</u>	<u>6,315</u>	<u>7,807</u>	<u>23,691</u>
Total	<u>\$431,787</u>	<u>\$218,600</u>	<u>\$17,039</u>	<u>\$59,671</u>	<u>\$432,848</u>	1,159,945
Less duplication in New York City expenditure reports (no details available)						<u>-147,640</u>
Adjusted Total						<u>\$1,012,305</u>

As shown by New York City's inventory records, at June 30, 1969, the city's Department of Air Pollution Control had equipment on hand with a recorded cost of about \$1,730,000, including 38 air-monitoring stations maintained throughout the city. The amount shown in the city's inventory, which included equipment acquired prior to the period of Federal grant support, could not be readily reconciled with the expenditure reports submitted to NAPCA.

Staffing

At June 30, 1969, the six agencies employed 351 persons engaged in air pollution control activities. These employees are classified by principal area of activity, as follows:

	<u>Technical and professional</u>	<u>Laboratory</u>	<u>Inspectors</u>	<u>Executive management</u>	<u>Clerical, custodial, and other</u>	<u>Total</u>
New York City	64	24	88	12	108	296
Nassau County, N.Y.	10	5	10	1	7	33
Westchester County, N Y.	1	2	2	1 <sup>a</sup>	1 <sup>a</sup>	7
Suburban Air Pollu- tion Commission, N J	-	-	2	2	1	5
East Orange, N J.	-	-	-	1	-	1
Elizabeth, N J	-	-	4	3 <sup>a</sup>	2	9
Total	<u>75</u>	<u>31</u>	<u>106</u>	<u>20</u>	<u>119</u>	<u>351</u>

<sup>a</sup>These employees devote only part of their time to air pollution control

The above number of employees represents an increase of 176 over the number employed by these agencies at the time they were awarded the first Federal air pollution control grants.

METROPOLITAN LOS ANGELES AREA

The Metropolitan Los Angeles Air Quality Control Region was established by the Secretary of HEW in January 1969. It includes all or portions of six California counties--all of Ventura and Orange Counties and portions of Los Angeles, Riverside, Santa Barbara, and San Bernardino Counties. The region covers about 9,200 square miles and has a population of about 9.7 million.

California State law authorizes any county or group of counties to establish air pollution control districts. The State does not permit the creation of city or intermunicipal air pollution control agencies. Five of the six counties in the region established air pollution control districts and, as shown below, were awarded Federal grants totaling about \$2.8 million during fiscal years 1965 through 1969.

<u>County</u>	<u>Incor- porated commu- nities</u>	<u>Popu- lation served</u>	<u>Fiscal years grants awarded</u>	<u>Total grants</u>
Los Angeles	77	6,930,800	1965-69	\$2,204,412
Orange	25	1,378,300	1969	88,000
Riverside	16	310,600	1969	144,000
San Bernardino	12	540,400	1965-67	229,710
Ventura	9	369,100	1968-69	122,525
Santa Barbara	<u>5</u>	<u>156,500</u>	-	<u>-</u>
Total	<u>144</u>	<u>9,685,700</u>		<u>\$2,788,647</u>

Los Angeles County was awarded project grants totaling \$724,110 during fiscal years 1965-68 and maintenance grants totaling \$1,480,302 during fiscal years 1968 and 1969. The other four counties were awarded project grants. All five counties have regional control agencies.

Expenditures

For the period January 1, 1965, through June 30, 1969, the five county agencies reported expenditures totaling close to \$19 million for air pollution control, using Federal funds of \$1.8 million--\$1 million of grant funds was unexpended--and non-Federal funds of \$17.1 million. The expenditures

included \$15.7 million for personnel, \$544,000 for equipment, and \$2.7 million for other necessities. Following is a summary of the expenditures reported by each agency.

	<u>Federal grant funds</u>	<u>Non-Federal funds</u>		<u>Total</u>
		<u>Matching</u>	<u>Other</u>	
<b>Los Angeles:</b>				
Project grants:				
Personnel	\$ 542,697	\$ 336,102	\$10,352,384	\$11,231,183
Equipment	88,175	44,045	82,909	215,129
Other	<u>25,887</u>	<u>13,768</u>	<u>1,609,574</u>	<u>1,649,229</u>
	<u>656,759</u>	<u>393,915</u>	<u>12,044,867</u>	<u>13,095,541</u>
Maintenance grants:				
Personnel	387,079	3,306,133	-	3,693,212
Equipment	116,097	24,922	-	141,019
Other	<u>346,824</u>	<u>416,049</u>	<u>-</u>	<u>762,873</u>
	<u>850,000</u>	<u>3,747,104</u>	<u>-</u>	<u>4,597,104</u>
<b>Orange:</b>				
Project grants:				
Personnel	12,814	11,100	114,079	137,993
Equipment	18,639	-	6,489	25,128
Other	<u>3,139</u>	<u>504</u>	<u>23,103</u>	<u>26,746</u>
	<u>34,592</u>	<u>11,604</u>	<u>143,671</u>	<u>189,867</u>
<b>Riverside:</b>				
Project grants:				
Personnel	-	7,638	82,961	90,599
Equipment	27,610	-	730	28,340
Other	<u>2,390</u>	<u>2,362</u>	<u>17,547</u>	<u>22,299</u>
	<u>30,000</u>	<u>10,000</u>	<u>101,238</u>	<u>141,238</u>
<b>San Bernardino:</b>				
Project grants:				
Personnel	76,739	25,579	445,741	548,059
Equipment	53,627	17,875	26,611	98,113
Other	<u>79,510</u>	<u>26,504</u>	<u>118,362</u>	<u>224,376</u>
	<u>209,876</u>	<u>69,958</u>	<u>590,714</u>	<u>870,548</u>
<b>Ventura:</b>				
Project grants:				
Personnel	22,334	7,445	-	29,779
Equipment	27,012	9,004	-	36,016
Other	<u>3,964</u>	<u>2,457</u>	<u>-</u>	<u>6,421</u>
	<u>53,310</u>	<u>18,906</u>	<u>-</u>	<u>72,216</u>
Total	<u>\$1,834,537</u>	<u>\$4,251,487</u>	<u>\$12,880,490</u>	<u>\$18,966,514</u>

Equipment

During the period of Federal grant support, the five control agencies reported the purchase of equipment at a total cost of about \$544,000, of which \$427,000 was financed from Federal and matching non-Federal funds and \$117,000 was paid from other non-Federal funds. The following table shows the expenditures of \$427,000 by major equipment categories; information on the use of other non-Federal funds of \$116,000 was not readily available.

	<u>Air</u> <u>moni-</u> <u>toring</u>	<u>Labo-</u> <u>ratory</u>	<u>Enforce-</u> <u>ment</u>	<u>Ve-</u> <u>hicles</u>	<u>Other</u>	<u>Total</u>
Los Ange- les	\$203,424	\$53,408	\$ -	\$ -	\$16,407	\$273,239
Orange	18,379	-	260	-	-	18,639
Riverside	27,316	-	-	-	294	27,610
San Ber- nardino	39,012	21,553	1,385	4,238	5,314	71,502
Ventura	<u>27,789</u>	<u>1,029</u>	<u>-</u>	<u>2,046</u>	<u>5,152</u>	<u>36,016</u>
Total	<u>\$315,920</u>	<u>\$75,990</u>	<u>\$1,645</u>	<u>\$6,284</u>	<u>\$27,167</u>	<u>\$427,006</u>

The Los Angeles County Air Pollution Control District, which was established in October 1947, had on hand substantially more equipment than indicated in the above table because it had acquired equipment prior to the award of Federal grants in 1965. The District's inventory records showed that as of June 30, 1969, the equipment on hand had a recorded cost of about \$920,000 as follows:

<u>Type</u>	<u>Amount</u>
Air monitoring (11 permanent sites and 1 mobile unit)	\$365,000
Laboratory	392,000
Enforcement (includes radios and cameras)	73,000
Other (includes office furniture and equipment)	<u>90,000</u>
Total	<u>\$920,000</u>

An official of the District told us that the District leases 104 vehicles from Los Angeles County and certain computer equipment and services needed for air pollution control purposes.

The Orange County Air Pollution Control District was established in 1950 and, like Los Angeles County, has substantially more equipment on hand than indicated in the preceding table of expenditures. For example, the District has four air monitoring stations of which three are located at permanent sites and one is a mobile unit. The equipment at each of the four stations is valued at about \$40,000. In addition, the District maintains 21 stations for monitoring dust-fall and two stations for measuring suspended particles. The District has not expended any funds for vehicles; the County Air Pollution Control Officer informed us that employees use their own vehicles on official business and are reimbursed on a mileage basis.

### Staffing

As of June 30, 1969, the five control agencies had 341 employees who were classified as follows:

	<u>Technical and profes- sional</u>	<u>Labo- ratory</u>	<u>Inspec- tors</u>	<u>Execu- tive manage- ment</u>	<u>Cler- ical, cus- todial, and other</u>	<u>Total</u>
Los Ange- les	104	22	84	12 <sup>b</sup>	75	297
Orange	5	3	3 <sup>a</sup>	1 <sup>b</sup>	1	13
Ventura	2	1	-	1 <sup>b</sup>	1	5
San Ber- nardino	3	3	5	3	3	17
Riverside	<u>3</u>	<u>1</u>	<u>2</u>	<u>1</u>	<u>2</u>	<u>9</u>
Total	<u>117</u>	<u>30</u>	<u>94</u>	<u>18</u>	<u>82</u>	<u>341</u>

<sup>a</sup>An additional 12 inspectors employed by the County Agricultural Department spend approximately 15 percent of their time on air pollution control activities.

<sup>b</sup>These officials serve only part time on air pollution control.

The above number of employees represents an increase of 17 over the number of employees at the time these agencies were awarded their first NAPCA control grants.

METROPOLITAN CHICAGO AREA

The Metropolitan Chicago Interstate Air Quality Control Region, established by the Secretary of HEW in December 1968, includes six counties in the State of Illinois and two counties in the State of Indiana. The region covers about 4,600 square miles and has a population of about 7.5 million.

During fiscal years 1965-69, six local agencies within the region were awarded air pollution control grants totaling about \$4.1 million, as shown below:

	<u>Population served</u>	<u>Fiscal years grants awarded</u>	<u>Total grants</u>
Illinois:			
City of Chicago	3,460,000	1965-69	\$3,156,250
Cook County (exclusive of Chicago)	2,065,000	1965-68	469,218
Indiana:			
Gary	175,000	1965-69	269,571
Hammond	109,000	1967-69	103,000
East Chicago	51,000	1965-69	99,700
Lake County (exclusive of above three cities)	<u>200,000</u>	1969	<u>25,050</u>
Total	<u>6,060,000</u>		<u>\$4,122,789</u>

Grant awards to the City of Chicago included project grants during fiscal years 1965-69 totaling \$1,791,150 and maintenance grants in fiscal years 1968 and 1969 totaling \$1,365,100. The other agencies were awarded project grants. Only Lake County, Indiana had a regional control agency.

Expenditures

For calendar years 1965-68, the City of Chicago and, for calendar years 1965-69, the other five agencies reported expenditures totaling about \$8.4 million for air pollution control, including Federal funds of \$2.7 million and non-Federal funds of \$5.7 million. These expenditures included \$6.1 million for personnel, \$.9 million for equipment, and \$1.4 million

for other necessities. The following summary shows the expenditures reported by each agency.

	<u>Federal grant funds</u>	<u>Non-Federal funds</u>		<u>Total</u>
		<u>Matching</u>	<u>Other</u>	
Chicago, Ill. (note a):				
Project grants:				
Personnel	\$1,078,022	\$ 642,248	\$2,348,386	\$4,068,656
Equipment	285,370	20,171	113,404	418,945
Other	<u>204,628</u>	<u>123,881</u>	<u>538,208</u>	<u>866,717</u>
	<u>1,568,020</u>	<u>786,300</u>	<u>2,999,998</u>	<u>5,354,318</u>
Maintenance grants:				
Personnel	93,825	314,868	415,325	824,018
Equipment	192,051	12,664	1,382	206,097
Other	<u>68,618</u>	<u>36,187</u>	<u>157,467</u>	<u>262,272</u>
	<u>354,494</u>	<u>363,719</u>	<u>574,174</u>	<u>1,292,387</u>
Cook County, Ill.				
Project grants:				
Personnel	284,394	294,566	103,820	682,780
Equipment	128,089	-	23,662	151,751
Other	<u>37,314</u>	<u>39,439</u>	<u>25,257</u>	<u>102,010</u>
	<u>449,797</u>	<u>334,005</u>	<u>152,739</u>	<u>936,541</u>
Gary, Ind.				
Project grants:				
Personnel	93,914	102,614	87,821	284,349
Equipment	34,730	11,936	16,366	63,032
Other	<u>37,486</u>	<u>17,194</u>	<u>9,465</u>	<u>64,145</u>
	<u>166,130</u>	<u>131,744</u>	<u>113,652</u>	<u>411,526</u>
Hammond, Ind.				
Project grants:				
Personnel	16,963	51,424	6,000	74,387
Equipment	39,515	-	-	39,515
Other	<u>14,663</u>	<u>-</u>	<u>-</u>	<u>14,663</u>
	<u>71,141</u>	<u>51,424</u>	<u>6,000</u>	<u>128,565</u>
East Chicago, Ind.				
Project grants:				
Personnel	51,197	44,466	56,800	152,463
Equipment	16,935	3,905	8,206	29,046
Other	<u>19,042</u>	<u>1,479</u>	<u>10,512</u>	<u>31,033</u>
	<u>87,174</u>	<u>49,850</u>	<u>75,518</u>	<u>212,542</u>
Lake County, Ind.				
Project grants:				
Personnel	361	8,250	4,221	12,832
Equipment	8,817	-	-	8,817
Other	<u>3,915</u>	<u>-</u>	<u>-</u>	<u>3,915</u>
	<u>13,093</u>	<u>8,250</u>	<u>4,221</u>	<u>25,564</u>
Total	<u>\$2,709,849</u>	<u>\$1,725,292</u>	<u>\$3,926,302</u>	<u>\$8,361,443</u>

<sup>a</sup>At the time of our review, the City of Chicago had submitted reports of expenditures to NAPCA only through December 31, 1968. Information obtained by us directly from the city showed that the city expended an additional \$2.1 million for air pollution control in 1969, but these expenditures could not be readily classified by source and object of funding.

Equipment

The following table shows the expenditures for the purchase of equipment, classified by major equipment category, reported by the six agencies. The table does not include equipment expenditures of \$118,085 by the City of Chicago because a detailed breakdown of this amount was not readily available.

	<u>Air moni- toring</u>	<u>Labo- ratory</u>	<u>Tech- nical</u>	<u>Vehi- cles</u>	<u>Other</u>	<u>Total</u>
Chicago, Ill.	\$223,384	\$29,990	\$10,855	\$55,553	\$187,175	\$506,957
Cook County, Ill.	114,247	15,758	846	4,638	16,262	151,751
Gary, Ind.	19,341	7,598	2,421	16,053	17,619	63,032
Hammond, Ind.	21,197	-	-	8,184	10,134	39,515
East Chicago, Ind.	6,317	4,316	585	12,798	5,030	29,046
Lake County, Ind.	<u>6,192</u>	<u>-</u>	<u>-</u>	<u>2,625</u>	<u>-</u>	<u>8,817</u>
Total	<u>\$390,678</u>	<u>\$57,662</u>	<u>\$14,707</u>	<u>\$99,851</u>	<u>\$236,220</u>	<u>\$799,118</u>

Staffing

As of December 31, 1969, the six agencies employed 206 persons engaged in the following activities.

	<u>Tech- nical and profes- sional</u>	<u>Labo- ratory</u>	<u>Inspec- tors</u>	<u>Execu- tive manage- ment</u>	<u>Clerical, custodial, and other</u>	<u>Total</u>
Chicago, Ill.	34	20	59	4	36	153
Cook County, Ill.	6	1	16	3	6	32
Gary, Ind.	-	1	2	1	4	8
Hammond, Ind.	-	-	3	1	1	5
East Chicago, Ind.	-	-	3	1	1	5
Lake County, Ind.	<u>-</u>	<u>-</u>	<u>2</u>	<u>1</u>	<u>-</u>	<u>3</u>
Total	<u>40</u>	<u>22</u>	<u>85</u>	<u>11</u>	<u>48</u>	<u>206</u>

The above staffing had increased by 83 persons after these agencies were awarded their first Federal air pollution control grants.

METROPOLITAN PHILADELPHIA AREA

The Metropolitan Philadelphia Interstate Air Quality Control Region was established by the Secretary of HEW in December 1968. It included five counties in the State of Pennsylvania, five counties in the State of New Jersey, and one county in the State of Delaware. As shown in the following schedule, the region covers about 4,600 square miles and has a population of about 5.5 million.

<u>County</u>	<u>Square miles</u>	<u>Estimated population</u>
State of Pennsylvania:		
Bucks	617	380,000
Chester	760	264,000
Delaware	185	598,000
Montgomery	491	616,000
Philadelphia	127	2,015,000
State of New Jersey:		
Burlington	819	313,000
Camden	221	460,000
Gloucester	329	163,000
Mercer	228	306,000
Salem	365	67,000
State of Delaware:		
New Castle	<u>438</u>	<u>375,000</u>
Total	<u>4,580</u>	<u>5,557,000</u>

The Philadelphia Department of Health is the only local agency within the region that has received Federal grants for air pollution control. However, State agencies in Pennsylvania, New Jersey, and Delaware have received Federal funds, some of which have been expended for air pollution control within the region.

During fiscal years 1965 through 1969, the Philadelphia Department of Health was awarded Federal project grants totaling \$1,644,941. Expenditures for air pollution control during that period were reported as follows:

	<u>Federal grant funds</u>	<u>Non-Federal funds</u>		<u>Total</u>
		<u>Matching</u>	<u>Other</u>	
Personnel	\$366,824	\$175,413	\$765,267	\$1,307,504
Equipment	317,967	166,983	18,662	503,612
Other	<u>108,085</u>	<u>54,042</u>	<u>81,083</u>	<u>243,210</u>
Total	<u>\$792,876</u>	<u>\$396,438</u>	<u>\$865,012</u>	<u>\$2,054,326</u>

In February 1968, city and HEW officials discussed the city's proposed application for a maintenance grant. HEW officials, however, concluded that Philadelphia was not ready for maintenance grant support at that time because:

- there was inadequate program direction resulting from the failure to fill the position of Assistant Health Commissioner,
- the air pollution code and regulations required revision,
- an inventory of sources responsible for the emission of air pollutants within the city was incomplete, and
- the city had not adopted air quality objectives.

The city subsequently submitted, and HEW approved, a grant application for a second 3-year improvement project for the period July 1, 1968 to June 30, 1971.

#### Equipment

For fiscal years 1965 through 1969, the City of Philadelphia reported air pollution control expenditures for the purchase of equipment totaling about \$504,000, including Federal funds of \$318,000 and non-Federal funds of \$186,000. These expenditures were reported by major equipment categories as follows:

	<u>Amount</u>
Air monitoring	\$382,726
Laboratory	37,530
Enforcement	7,524
Vehicle	46,993
Other	<u>28,839</u>
Total	<u>\$503,612</u>

Staffing

At June 30, 1969, the Philadelphia Department of Health had 44 employees associated with the air pollution control program--an increase of 28 since the beginning of Federal grant support in January 1965. The following table shows the number and classification of employees at the two dates.

	<u>Jan. 1, 1965</u>	<u>June 30, 1969</u>
Technical and professional	5	17
Laboratory	-	3 <sup>a</sup>
Inspectors	9	14
Executive management	1	1
Clerical, custodial, and other	<u>1</u>	<u>9<sup>b</sup></u>
Total	<u>16</u>	<u>44</u>

<sup>a</sup>Includes 1 part-time employee

<sup>b</sup>Includes 3 part-time employees

A City official told us that, at May 1, 1970, 73 employees were associated with the air pollution control program, a further increase of 29.

NATIONAL AIR POLLUTION CONTROL ADMINISTRATION  
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

SUMMARY OF PROJECT GRANTS AWARDED  
TO STATE, MUNICIPAL, AND REGIONAL  
AIR POLLUTION CONTROL AGENCIES  
IN FISCAL YEARS 1965 THROUGH 1969

Agency	Type of agency	Fiscal year				
		1965	1966	1967	1968	1969
<b>ALABAMA</b>						
State of Alabama	State	\$ 10,000	\$ 50,000	\$ 25,000	\$ -	\$ -
Huntsville	Municipal	10,000	10,000	9,822	7,756	8,556
Jefferson County	Regional	120,511	120,000	75,000	-	-
Mobile County	Regional	22,071	22,071	11,820	-	-
<b>ALASKA:</b>						
Tri-Borough-Anchorage	Regional	-	-	-	67,297	41,138
<b>ARIZONA:</b>						
State of Arizona	State	-	-	-	262,622	181,978
Maricopa County	Regional	107,551	58,657	86,256	73,680	156,000
Pima County	Regional	24,987	25,000	25,000	52,428	52,500
<b>ARKANSAS:</b>						
State of Arkansas	State	38,680	38,680	38,680	59,600	48,934
<b>CALIFORNIA.</b>						
State of California	State	-	-	-	716,127	793,641
Bay Area	Regional	58,107	91,812	104,031	62,874	-
Humboldt County	Regional	-	-	-	51,999	52,035
County of Los Angeles	Regional	174,425	179,591	198,607	171,487	-
Monterey County	Regional	-	-	45,045	45,129	-
Monterey and Santa Cruz County	Regional	-	-	-	43,754	50,352
Orange County	Regional	-	-	-	-	88,000
Riverside County	Regional	-	-	-	-	144,000
Sacramento County	Regional	-	-	-	-	44,954
San Bernardino County	Regional	76,570	43,800	109,340	-	-
Ventura County	Regional	-	-	-	53,310	69,215
<b>COLORADO</b>						
State of Colorado	State	-	20,060	103,000	108,000	128,972
Boulder, City and County	Regional	-	-	-	6,666	8,316
Colorado Springs-El Paso County	Regional	-	-	-	27,783	21,209
City and County of Denver	Municipal	88,476	104,286	121,644	164,603	179,798
Jefferson County	Regional	-	-	15,000	20,600	32,280
Mesa County	Regional	-	-	-	10,362	10,880
Pueblo, City and County	Regional	-	-	26,659	27,843	27,843
Tri-County	Regional	35,915	45,000	56,250	49,209	59,730
Weld County	Regional	-	-	-	9,369	14,274
<b>CONNECTICUT</b>						
State of Connecticut	State	47,180	128,068	89,066	202,224	199,794
Bridgeport	Municipal	22,209	22,209	22,208	-	-
Fairfield	Municipal	15,100	21,600	21,600	5,170	5,170
Greenwich	Municipal	-	-	16,108	16,108	20,596
Meriden	Municipal	-	-	-	24,808	30,000
Middletown	Municipal	12,499	14,356	-	-	-

NATIONAL AIR POLLUTION CONTROL ADMINISTRATION

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

SUMMARY OF PROJECT GRANTS AWARDED

TO STATE, MUNICIPAL, AND REGIONAL

AIR POLLUTION CONTROL AGENCIES

IN FISCAL YEARS 1965 THROUGH 1969 (continued)

Agency	Type of agency	Fiscal year				
		1965	1966	1967	1968	1969
<b>CONNECTICUT (continued)</b>						
Milford-Orange	Municipal	\$ -	\$ -	\$ 23,500	\$ -	\$ 17,278
New Britain	Municipal	-	-	-	12,323	-
New Haven	Municipal	-	37,893	36,039	62,861	46,000
Norwalk	Municipal	-	-	24,310	36,465	40,150
Stamford	Municipal	-	-	49,048	29,070	39,695
Stratford	Municipal	14,200	20,624	20,624	4,484	8,068
<b>DELAWARE</b>						
State of Delaware	State	-	-	-	425,750	248,670
<b>DISTRICT OF COLUMBIA</b>						
D.C. Dept. of Health	State	-	33,262	36,700	38,000	213,382
<b>FLORIDA</b>						
State of Florida	State	-	-	-	112,078	134,493
Dade County	Regional	63,720	52,220	84,225	255,000	270,000
Hillsborough County	Regional	-	-	38,240	56,250	75,000
Manatee County	Regional	-	-	22,926	29,118	35,310
Palm Beach County	Regional	39,093	41,048	43,066	-	53,366
<b>GEORGIA</b>						
State of Georgia	State	42,488	46,452	46,452	137,894	181,484
Chatham County	Regional	-	12,983	12,345	16,205	13,189
Fulton County	Regional	18,000	22,500	22,500	86,700	98,618
Macon-Bibb	Regional	15,845	15,480	15,243	10,553	10,553
<b>HAWAII</b>						
State of Hawaii	State	23,874	24,002	25,166	-	-
<b>IDAHO</b>						
State of Idaho	State	-	-	35,659	17,677	75,611
<b>ILLINOIS</b>						
State of Illinois	State	79,416	79,416	79,416	46,378	446,388
City of Chicago	Municipal	393,000	393,000	393,000	393,000	219,150
Cook County	Municipal	50,084	50,084	168,360	200,690	-
<b>INDIANA</b>						
State of Indiana	State	38,100	41,580	42,900	56,964	86,540
East Chicago	Municipal	14,680	19,340	20,440	22,620	22,620
Evansville	Municipal	11,148	11,147	11,147	-	10,000
Gary	Municipal	62,765	62,765	62,765	42,479	38,797
Hammond	Municipal	-	-	36,000	36,000	31,000
Indianapolis	Municipal	-	22,516	28,248	16,307	103,100
Lake County	Regional	-	-	-	-	25,050
Michigan City	Municipal	-	-	4,400	10,000	8,000
St. Joseph County	Regional	-	-	-	21,635	27,400
Vigo County	Regional	-	-	48,000	24,190	7,650

NATIONAL AIR POLLUTION CONTROL ADMINISTRATION  
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

SUMMARY OF PROJECT GRANTS AWARDED

TO STATE, MUNICIPAL, AND REGIONAL

AIR POLLUTION CONTROL AGENCIES

IN FISCAL YEARS 1965 THROUGH 1969 (continued)

Agency	Type of agency	Fiscal Year				
		1965	1966	1967	1968	1969
<b>IOWA</b>						
City of Cedar Rapids	Municipal \$	10,400 \$	10,400 \$	10,400 \$	22,864 \$	-
Des Moines-Polk County	Regional	-	-	-	25,500	27,000
Linn County	Regional	-	-	-	-	24,290
<b>KANSAS</b>						
State of Kansas	State	-	-	-	80,000	58,264
Kansas City-Wyandotte County	Regional	24,372	74,291	74,214	55,700	55,700
<b>KENTUCKY</b>						
State of Kentucky	State	36,564	239,676	196,828	254,828	220,370
Jefferson County	Regional	21,000	-	-	-	179,992
<b>LOUISIANA</b>						
State of Louisiana	State	33,448	48,448	63,448	131,724	120,000
<b>MAINE</b>						
State of Maine	State	-	-	-	36,000	36,000
<b>MARYLAND</b>						
State of Maryland	State	-	-	-	-	702,326
Allegany County	Regional	-	-	-	-	18,811
Anne Arundel County	Regional	-	-	-	-	79,076
Baltimore City	Municipal	-	-	-	-	267,456
Baltimore County	Regional	-	-	-	-	175,440
Prince Georges County	Regional	-	-	-	65,577	89,993
Montgomery County	Regional	-	-	-	120,000	140,000
<b>MASSACHUSETTS</b>						
State of Massachusetts	State	-	-	-	111,730	165,500
Boston	Regional	84,820	120,000	40,050	149,860	156,000
Fitchburg	Municipal	-	-	9,970	5,883	10,000
Springfield Area	Regional	33,000	33,000	33,000	45,000	63,000
City of Worcester	Municipal	23,215	22,000	22,000	23,192	21,500
<b>MICHIGAN</b>						
State of Michigan	State	-	54,648	74,800	248,274	174,544
Detroit	Municipal	42,785	51,733	259,400	68,500	-
Flint	Municipal	-	-	-	25,126	25,126
Grand Rapids	Municipal	-	-	-	19,034	19,034
Muskegon County	Regional	15,885	15,885	15,885	9,696	9,696
Wayne County	Regional	89,964	133,500	133,500	149,698	1,047,795
Wyandotte	Municipal	17,893	13,632	-	-	-
<b>MINNESOTA</b>						
State of Minnesota	State	-	10,000	-	195,574	200,000
Minneapolis	Municipal	37,895	37,895	37,895	22,105	34,138
Olmstead County	Regional	-	-	-	-	17,786

NATIONAL AIR POLLUTION CONTROL ADMINISTRATION

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

SUMMARY OF PROJECT GRANTS AWARDED

TO STATE, MUNICIPAL, AND REGIONAL

AIR POLLUTION CONTROL AGENCIES

IN FISCAL YEARS 1965 THROUGH 1969 (continued)

Agency	Type of agency	Fiscal year				
		1965	1966	1967	1968	1969
<b>MINNESOTA (continued)</b>						
St Paul	Municipal \$	42,857 \$	55,783 \$	55,783 \$	29,952 \$	45,864
St Louis County	Regional	-	-	30,088	28,545	28,545
<b>MISSISSIPPI</b>						
State of Mississippi	State	-	-	-	-	44,179
Meridian	Municipal	-	-	9,625	8,575	-
<b>MISSOURI</b>						
State of Missouri	State	-	45,865	54,000	110,599	278,492
Green County	Regional	-	31,215	30,732	29,907	17,046
Independence	Municipal	-	-	-	21,960	17,533
Kansas City	Municipal	-	-	78,700	82,640	138,910
St. Louis	Municipal	-	42,768	89,568	91,814	-
St. Louis County	Regional	105,123	120,000	129,000	149,283	101,640
<b>MONTANA</b>						
State of Montana	State	10,058	10,058	39,778	72,391	64,622
Billings, City and County	Regional	-	-	-	-	23,400
Missoula, City and County	Regional	-	-	11,982	11,982	15,000
<b>NEBRASKA</b>						
Lincoln--Lancaster County	Regional	-	-	30,017	33,000	30,000
<b>NEVADA</b>						
State of Nevada	State	-	-	-	-	19,500
Clark County	Regional	-	-	-	100,982	37,839
Reno, Sparks, Washoe County	Regional	25,117	27,616	43,232	52,588	44,652
<b>NEW HAMPSHIRE</b>						
State of New Hampshire	State	12,680	-	6,000	63,000	32,000
<b>NEW JERSEY</b>						
State of New Jersey	State	250,876	250,000	250,000	600,000	250,000
East Orange	Municipal	8,000	-	10,960	-	-
Elizabeth	Municipal	-	-	-	28,700	31,880
Suburban Essex	Regional	-	-	-	90,810	58,869
<b>NEW MEXICO</b>						
State of New Mexico	State	14,022	17,357	42,647	27,750	30,000
Albuquerque	Regional	6,260	6,288	96,815	32,959	-
<b>NEW YORK</b>						
State of New York	State	112,391	120,000	140,000	-	-
Albany County	Regional	2,940	3,350	3,350	11,560	-
Broome County	Regional	7,894	10,233	10,233	11,534	10,249
Chemung County	Regional	6,170	6,206	-	-	-
Columbia County	Regional	3,836	4,067	4,066	-	-

NATIONAL AIR POLLUTION CONTROL ADMINISTRATION  
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

SUMMARY OF PROJECT GRANTS AWARDED

TO STATE, MUNICIPAL, AND REGIONAL

AIR POLLUTION CONTROL AGENCIES

IN FISCAL YEARS 1965 THROUGH 1969 (continued)

Agency	Type of agency	Fiscal year				
		1965	1966	1967	1968	1969
<b>NEW YORK (continued)</b>						
Dutchess County	Regional	\$ 3,220	\$ 5,343	\$ 5,343	\$ 22,946	\$ 13,668
Erie County	Municipal	75,720	72,194	72,193	335,831	153,680
Monroe County	Regional	-	-	-	-	60,000
Mount Vernon	Municipal	5,503	5,503	5,502	-	-
Nassau County	Regional	54,150	101,850	101,850	-	175,000
New Rochelle	Municipal	6,390	6,400	10,300	-	-
New York City	Municipal	190,173	188,000	268,000	-	-
Niagara County	Regional	35,244	37,500	37,500	57,375	60,000
Onondago County	Regional	-	-	-	123,718	70,385
Rensselaer County	Regional	-	-	5,625	8,130	-
Rockland County	Regional	-	-	-	-	20,000
Schenectady	Municipal	2,917	4,133	4,133	952	-
Suffolk County	Regional	-	-	-	78,877	52,586
Ulster County	Regional	-	-	-	11,310	15,000
Westchester County	Regional	-	5,928	11,649	5,825	32,878
Yonkers	Municipal	8,312	9,000	9,000	8,000	-
<b>NORTH CAROLINA</b>						
State of North Carolina	State	-	-	-	184,000	109,000
Buncombe County	Regional	24,949	23,946	58,246	60,750	54,750
Catawba--Lincoln County	Regional	-	-	-	35,771	35,771
Cleveland County	Regional	-	-	17,423	51,136	33,180
Craven County	Regional	-	-	28,052	43,019	-
Durham County	Regional	13,379	13,379	13,379	22,906	16,217
Forsyth County	Regional	-	-	-	56,112	56,112
Gaston County	Regional	19,282	14,270	14,270	20,055	16,200
Guilford County	Regional	18,292	19,202	19,202	19,500	29,473
Mecklenburg County	Regional	-	32,702	32,701	130,980	69,594
New Hanover County	Regional	12,524	12,524	12,524	-	-
Rowan County	Regional	12,652	12,634	12,650	2,500	13,932
<b>NORTH DAKOTA</b>						
State of North Dakota	State	10,000	10,000	-	25,000	15,000
<b>OHIO</b>						
State of Ohio	State	-	-	-	100,000	100,000
Akron	Regional	94,155	94,155	94,155	56,700	56,700
Canton	Municipal	-	35,358	35,358	35,358	35,358
Cincinnati	Regional	-	-	15,460	36,100	36,100
Cleveland	Municipal	-	34,922	34,922	34,922	221,904
Ironton	Municipal	-	-	-	15,054	15,054
Lake County	Regional	-	-	-	-	30,000
Lorain	Municipal	19,386	19,386	19,386	12,011	17,777
Montgomery County	Regional	-	-	-	76,575	90,000
Portsmouth	Municipal	-	-	17,100	14,792	17,100
Steubenville	Municipal	-	-	19,000	19,000	19,000
Toledo	Regional	24,417	24,417	24,417	48,651	91,131

NATIONAL AIR POLLUTION CONTROL ADMINISTRATION  
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SUMMARY OF PROJECT GRANTS AWARDED

TO STATE, MUNICIPAL, AND REGIONAL

AIR POLLUTION CONTROL AGENCIES

IN FISCAL YEARS 1965 THROUGH 1969 (continued)

Agency	Type of agency	Fiscal year				
		1965	1966	1967	1968	1969
<b>OKLAHOMA*</b>						
State of Oklahoma	State	\$ 8,000	\$ 12,000	\$ 16,000	\$ 20,000	\$ 30,000
Oklahoma City and County	Regional	10,178	10,177	10,177	15,627	-
Tulsa City and County	Regional	25,134	27,768	27,768	38,157	38,157
<b>OREGON</b>						
State of Oregon	State	-	53,557	54,399	66,057	105,494
Columbia--Willamette	Regional	-	-	-	272,250	272,250
Lane County	Regional	-	-	19,224	21,066	99,816
Mid-Willamette Valley	Regional	-	-	67,044	81,006	103,754
Portland	Municipal	72,598	72,598	31,022	-	-
Portland	Regional	-	-	-	210,000	-
<b>PENNSYLVANIA</b>						
State of Pennsylvania	State	56,800	84,475	84,475	39,000	-
Allegheny County	Regional	159,631	159,631	159,631	394,121	203,586
Lehigh Valley	Regional	-	-	15,000	12,150	16,800
Lower Macungie	Municipal	520	520	520	-	-
Philadelphia	Municipal	124,622	172,336	178,460	572,380	597,143
York	Regional	-	-	30,000	15,000	7,500
<b>PUERTO RICO</b>						
State of Puerto Rico	State	114,351	117,156	-	-	144,346
<b>RHODE ISLAND</b>						
State of Rhode Island	State	-	-	-	266,948	114,239
Providence	Municipal	7,053	7,053	-	-	-
<b>SOUTH CAROLINA:</b>						
State of South Carolina	State	-	45,421	45,421	45,421	164,407
Charleston County	Regional	-	-	25,467	25,467	85,467
Greenville County	Regional	-	-	-	-	31,978
Spartanburg	Municipal	10,030	9,213	9,213	8,577	8,350
<b>TENNESSEE</b>						
State of Tennessee	State	16,914	21,523	8,440	36,374	160,000
Chattanooga	Municipal	13,521	15,740	16,538	-	-
Knox County	Regional	-	-	-	-	37,500
Memphis and Shelby County	Regional	-	-	42,745	63,295	86,613
Nashville	Regional	15,123	16,770	-	-	140,936
<b>TEXAS</b>						
State of Texas	State	17,974	57,549	57,549	242,000	264,000
Dallas	Municipal	-	48,755	36,235	43,020	79,250
El Paso, City and County	Regional	-	-	-	33,624	33,532
Fort Worth	Municipal	-	-	-	-	78,392

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IN FISCAL YEARS 1965 THROUGH 1969 (continued)

Agency	Type of agency	Fiscal year				
		1965	1966	1967	1968	1969
<b>TEXAS (continued):</b>						
Galveston County	Regional	\$ -	\$ -	\$ -	\$ 65,701	\$ 65,701
Houston	Municipal	-	-	198,105	100,000	200,000
Laredo-Webb County	Regional	-	-	-	16,082	24,000
Lubbock, City and County	Regional	-	-	15,108	15,407	20,707
San Antonio	Regional	-	-	-	215,904	111,557
<b>UTAH:</b>						
State of Utah	State	-	-	20,726	120,054	252,854
<b>VERMONT:</b>						
State of Vermont	State	-	-	-	21,256	21,256
<b>VIRGIN ISLANDS</b>						
Virgin Islands	State	-	-	-	-	56,048
<b>VIRGINIA</b>						
State of Virginia	State	-	-	30,400	69,500	69,500
Alexandria	Municipal	-	-	-	-	46,890
Fairfax County	Regional	-	-	-	-	121,379
Hopewell	Municipal	-	-	8,300	5,962	-
Richmond	Municipal	-	-	11,540	29,058	25,000
Roanoke	Municipal	1,823	-	-	-	-
Roanoke County	Regional	-	-	12,096	12,600	31,545
<b>WASHINGTON:</b>						
State of Washington	State	-	-	-	-	340,000
Clark County	Regional	-	-	16,650	33,768	-
Northwest	Regional	-	-	-	57,480	70,290
Olympia	Regional	-	-	-	-	83,115
Puget Sound	Regional	-	-	-	998,010	548,100
Seattle-King County	Regional	-	71,976	110,040	-	-
Southwest	Regional	-	-	-	40,218	76,214
Spokane County	Regional	-	-	-	9,513	23,103
Thurston County	Regional	-	-	-	27,778	-
Yakima County	Regional	-	-	-	11,400	25,420
<b>WEST VIRGINIA:</b>						
State of West Virginia	State	84,914	147,640	147,640	176,518	124,572
Wheeling	Municipal	-	-	11,519	11,519	13,392
<b>WISCONSIN</b>						
State of Wisconsin	State	-	-	-	-	101,085
Beloit	Municipal	-	-	-	-	6,800
Milwaukee County	Regional	-	12,978	33,211	33,211	-
<b>WYOMING:</b>						
State of Wyoming	State	-	-	-	24,535	16,000
<b>Total</b>		<b>\$4,180,000</b>	<b>\$5,544,999</b>	<b>\$7,318,824</b>	<b>\$14,468,715</b>	<b>\$17,726,380</b>

NATIONAL AIR POLLUTION CONTROL ADMINISTRATION  
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SUMMARY OF MAINTENANCE GRANTS AWARDED  
TO STATE, MUNICIPAL, AND REGIONAL  
AIR POLLUTION CONTROL AGENCIES  
IN FISCAL YEARS 1965 THROUGH 1969

<u>Agency</u>	Type of <u>agency</u>	<u>Fiscal Year</u>	
		<u>1968</u>	<u>1969</u>
CALIFORNIA:			
Los Angeles County	Regional	\$ 675,922	\$ 804,380
Bay Area	Regional	208,275	209,300
ILLINOIS:			
Chicago	Municipal	479,200	885,900
MISSOURI:			
St. Louis County	Regional	53,655	107,583
St. Louis	Municipal	-	349,413
NEW JERSEY:			
State of New Jersey	State	600,000	600,000
NEW MEXICO:			
Albuquerque	Regional	-	91,361
NEW YORK:			
New York City	Municipal	814,000	814,000
State of New York	State	537,745	581,272
PENNSYLVANIA:			
State of Pennsylvania	State	<u>669,222</u>	<u>669,222</u>
Total		<u>\$4,038,019</u>	<u>\$5,112,431</u>